



California Crop Progress & Condition

Cooperating with the California Department of Food and Agriculture
Pacific Region • 650 Capitol Mall, Suite 6-100 • Sacramento, CA 95814 • (916) 738-6600 • (855) 270-2722 FAX •
www.nass.usda.gov/ca

WEEK ENDING: July 2, 2023
RELEASED: July 3, 2023

FREQUENCY: Weekly
VOL. 44 NO. 14

WEATHER

Average low temperatures for California ranged from 31 to 70 in the mountains, 49 to 67 along the coast, 50 to 81 in the desert, and 52 to 80 in the Central Valley. Average high temperatures for the state ranged from 47 to 96 in the mountains, 58 to 109 along the coast, 83 to 109 in the Central Valley, and 86 to 115 in the desert. From the California Department of Water Resources as of June 30th, snowpack water content was 3.70 inches in the Northern Sierra, 3.40 inches in the Central Sierra, and 2.80 inches in the Southern Sierra.

FIELD CROPS

Across the Central Valley, **wheat** was harvested and **alfalfa** was cut for hay and silage. **Corn** was emerging and growing rapidly. Herbicide and fertilizer were applied to corn, **sorghum**, and **sudan grass** fields. Producers prepared fields for excessive heat over the weekend. In the Sacramento Valley, herbicide and fertilizer continued to be applied to **rice** fields. In the San Joaquin Valley, **cotton** fields were starting to bloom. Moderate insect pressure was reported. Some cotton fields were treated for lygus bugs.

FRUIT CROPS

Grape vineyards were thinned to allow for sunlight exposure. Wine grapes were sprayed for weeds. Stone fruit harvest was in full swing as **nectarines**, **plums**, and **peaches** were being harvested. Late stone fruit varieties continued to develop as fruit began to form and field crews thinned trees. Some growers placed reflective tarps on the orchard floor to improve color in developing fruit. **Apricot** and **cherry** harvests neared completion. Citrus groves were treated for pests and weeds, and some trees were topped. Valencia **orange** harvest continued. **Lemons**, **grapefruit**, and **mandarins** continued to be picked and packed. **Kiwi** vineyards were tied and irrigated. **Pomegranates** continued to develop with bloom starting to taper off and fruit starting to set in some varieties. **Apples** continued to develop. **Strawberry** harvest came to an end in Tulare County with the high temperatures at the end of the week. **Olive** trees were trimmed.

NUT CROPS

The **almond** crop continued to develop as meat fill was complete. **Pistachios**, **walnuts**, and **pecans** continued to mature. Pest and disease pressures have remained relatively low in most areas. Some walnut growers put a sun protectant on field edges before the expected extreme heat.

VEGETABLE CROPS

Across the Central Valley, processing **tomatoes** continued to grow. In Stanislaus County, **sweet potatoes** and **sweet corn** continued to grow with the benefit of warmer weather. **Garlic** and **onion** harvests were just beginning. In Tulare County, sweet corn and summer **squash** were sold at roadside stands and farmers' markets. Summer vegetables were planted. Processing tomato fields continued to develop and were treated for pests. **Broccoli**, **celery**, **lettuce**, **mushrooms**, and **cauliflower** were harvested in the Salinas Valley. **Carrot** harvest continued in Kern County.

LIVESTOCK

Triple digit temperatures promoted drying of rangeland vegetation. Foothill rangeland and non-irrigated pasture were reported to be in good condition. Bees were busy pollinating melon fields. Cattle grazed on lower elevation range and movement of stock upslope continued. Sheep grazed on fallow fields and retired farmland.

CALIFORNIA CROP WEATHER – WEEK ENDING JULY 2, 2023

STATIONS	TEMPERATURE				GROWING DEGREE DAYS ¹ AT 50 °F BASE ²		RAIN DAYS ³	PRECIPITATION ⁴			
	Average for Week Ending Jul 2, 2023	Departure from Normal ⁵	High	Low	This Year	Normal Year ⁵	This Season	This Week	This Season	Normal Season ⁵	Normal Year ⁵
					Jan 1 - Jul 2, 2023	Jan 1 - Jul 2, 2023	Oct 1 - Jul 2, 2023	Week Ending Jul 2, 2023	Oct 1 - Jul 2, 2023	Oct 1 - Jul 2	Oct 1 - Sept 30
	-- Degrees Fahrenheit --				-- Number --		-- Days --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	57	0	66	51	382	377	117	0.06	39.54	39.38	40.61
Ukiah	78	6	107	52	1,382	1,350	83	0.00	38.73	34.60	35.07
Santa Rosa	69	2	100	50	1,097	1,216	77	0.00	42.45	33.59	34.00
Napa State Hospital	67	1	90	53	1,103	1,160	71	0.00	29.54	20.13	20.36
Central Coast											
San Francisco	63	0	80	54	1,190	1,323	73	0.00	31.40	19.53	19.77
San Jose	70	1	94	56	1,371	1,612	66	0.00	15.32	13.36	13.58
Salinas	NA	NA	NA	NA	NA	1,254	NA	NA	NA	12.49	12.66
Monterey	58	-3	79	49	714	1,124	64	0.00	23.80	16.13	16.36
Paso Robles	75	3	109	51	1,284	1,433	64	0.00	20.92	12.00	12.24
Sacramento Valley											
Redding	85	4	109	61	1,977	1,947	77	0.00	39.29	32.88	33.70
Red Bluff	85	5	108	60	1,931	1,942	73	0.00	27.06	22.83	23.25
Orland	NA	NA	NA	NA	NA	1,870	NA	NA	NA	21.05	21.52
Oroville	83	4	109	58	1,929	1,979	71	0.00	26.72	25.43	25.84
Marysville	80	3	109	53	1,732	1,837	58	0.00	22.76	19.91	20.21
Sacramento	80	5	107	55	1,776	1,716	63	0.00	24.66	17.81	18.10
San Joaquin Valley											
Stockton	79	2	108	52	1,671	1,976	60	0.00	23.23	13.36	13.53
Modesto	78	1	105	54	1,628	2,009	65	0.00	20.18	12.20	12.34
Merced Macready	79	2	108	54	1,735	1,868	53	0.00	19.38	11.75	11.87
Madera	79	1	108	53	1,809	1,999	51	0.00	11.11	10.75	10.86
Fresno	83	2	108	59	2,154	2,249	47	0.00	16.35	10.91	11.05
Lemoore	80	2	109	55	1,919	2,006	38	0.00	7.84	7.14	7.23
Visalia	80	2	105	60	2,015	1,991	54	0.00	15.60	10.25	10.37
Bakersfield	83	1	107	60	2,189	2,433	51	0.00	9.37	6.31	6.40
Cascade Sierra											
Alturas	65	0	92	42	585	449	95	0.10	15.65	10.79	11.72
Mount Shasta	70	5	96	44	869	564	101	0.74	45.06	36.66	37.86
Blue Canyon	69	2	85	52	666	527	99	0.14	90.41	61.61	62.80
Yosemite Valley	NA	NA	NA	NA	NA	811	NA	NA	NA	39.46	40.65
South Coast											
Santa Maria	61	-2	76	51	882	1,298	56	0.00	23.83	13.21	13.42
Santa Barbara	63	-1	74	53	1,338	1,413	51	0.00	28.66	17.15	17.38
Oxnard	62	-3	69	55	1,228	1,728	53	0.00	22.14	12.82	13.05
Riverside	74	-2	97	56	1,808	2,402	51	0.00	13.35	9.13	9.48
Los Angeles	64	-4	70	58	1,606	2,104	56	0.00	23.85	12.08	12.33
San Diego	66	-3	73	61	1,800	2,328	57	0.00	13.88	9.58	9.87
Southeast Interior											
Bishop	74	-2	103	50	1,221	1,368	38	0.00	14.40	4.49	4.87
Daggett	87	0	112	66	2,435	2,732	20	0.00	2.71	3.13	3.80
Lancaster	81	1	107	61	1,658	1,833	30	0.00	7.04	6.54	6.86
Thermal	90	1	114	67	3,241	3,632	15	0.00	1.35	2.39	2.98
Blythe	91	-2	115	69	3,481	3,875	17	0.00	1.95	2.59	3.58
Imperial	90	-1	112	70	3,316	3,705	11	0.00	0.84	1.94	2.39

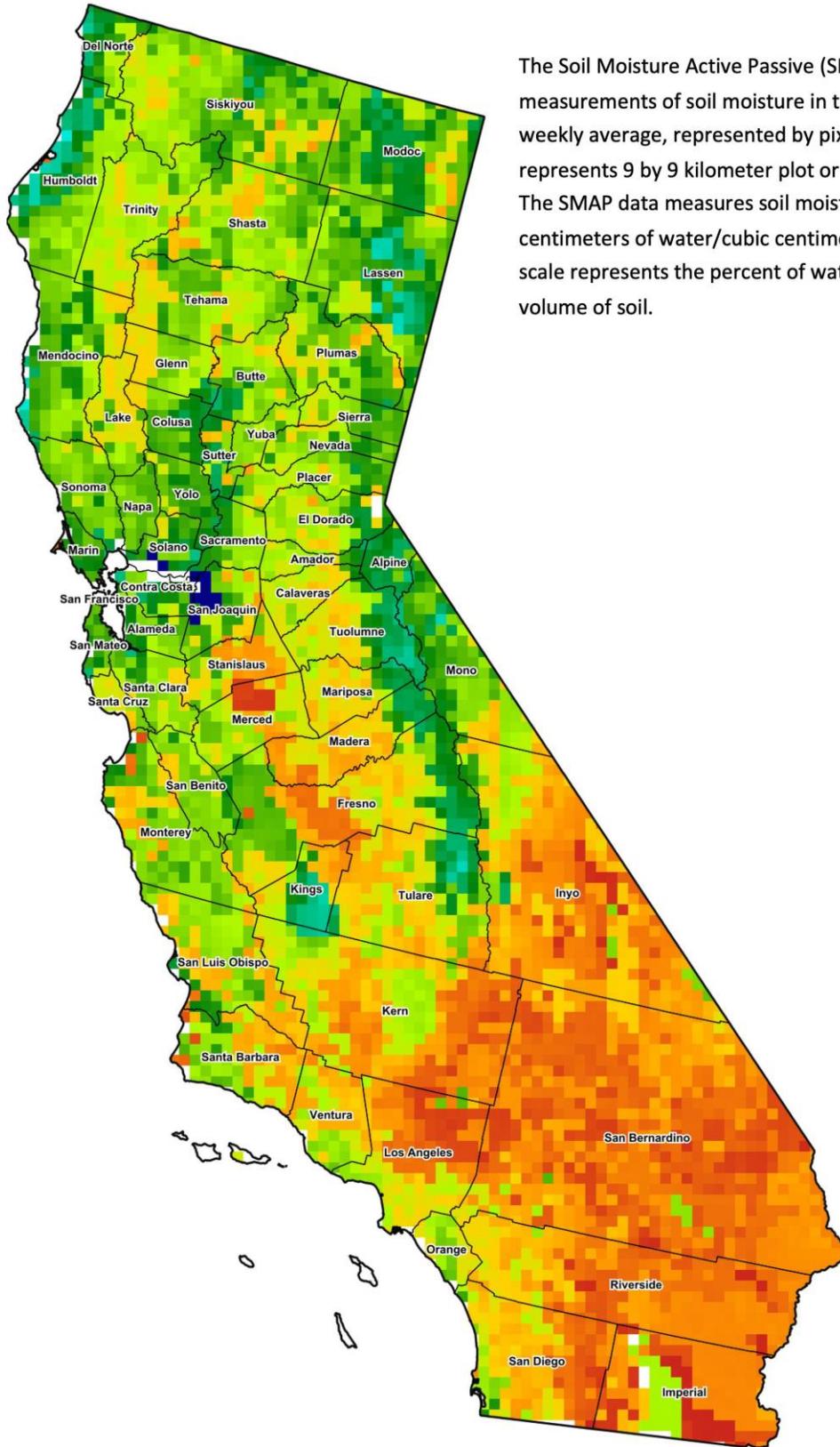
- ¹ Previously labeled as growing degree hours. The column title was corrected in the Sept 27, 2021 report.
- ² Previously calculated with 60 degree base. This calculation was changed for the 2022 and later seasons.
- ³ Total number of days with precipitation events this season.
- ⁴ Rain or melted snow/ice.
- ⁵ Normal periods 1990-2020 used in departure from normal calculations.

Data retrieved from NOAA and NWS. Calculated by USDA NASS.
All rights reserved.

Reservoir Data from the California Department of Water Resources

Reservoir	Capacity	July 2, 2023			This Date Last Year	
		Storage	Percent of Capacity	Percent of Average	Storage	Percent of Capacity
		<i>Acre Feet</i>	<i>Percent</i>	<i>Percent</i>	<i>Acre Feet</i>	<i>Percent</i>
Shasta Lake	4,547,300	4,251,672	93	121	1,772,049	39
Lake Oroville	3,537,400	3,502,452	99	131	1,698,536	48
Trinity Lake	2,443,800	1,428,979	58	76	712,345	29
New Melones Reservoir	2,413,000	2,047,824	85	136	779,104	32
San Luis Reservoir	2,057,200	1,951,844	96	179	777,622	38
Don Pedro Reservoir	4,547,300	1,799,336	89	108	1,302,917	64

Source: cdec.water.ca.gov/reportapp/javareports?name=DLYHYDRO



Drought Conditions from the U.S. Drought Monitor as of 06/27/2023

Time	Percent of Land in Drought Rating						Drought Severity (DSCI)
	None	D0	D1	D2	D3	D4	
Current	71.88	23.49	4.63	0.00	0.00	0.00	33
Last Week	72.32	23.05	4.63	0.00	0.00	0.00	32
3 Months Ago	55.34	16.55	26.17	1.95	0.00	0.00	75
One Year Ago	0.00	0.21	2.31	37.67	48.22	11.59	369

The U.S. Drought Monitor is jointly produced by the National Drought Mitigation Center at the University of Nebraska-Lincoln, the United States Department of Agriculture, and the National Oceanic and Atmospheric Administration. droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA